

Fig 1

XACTP007

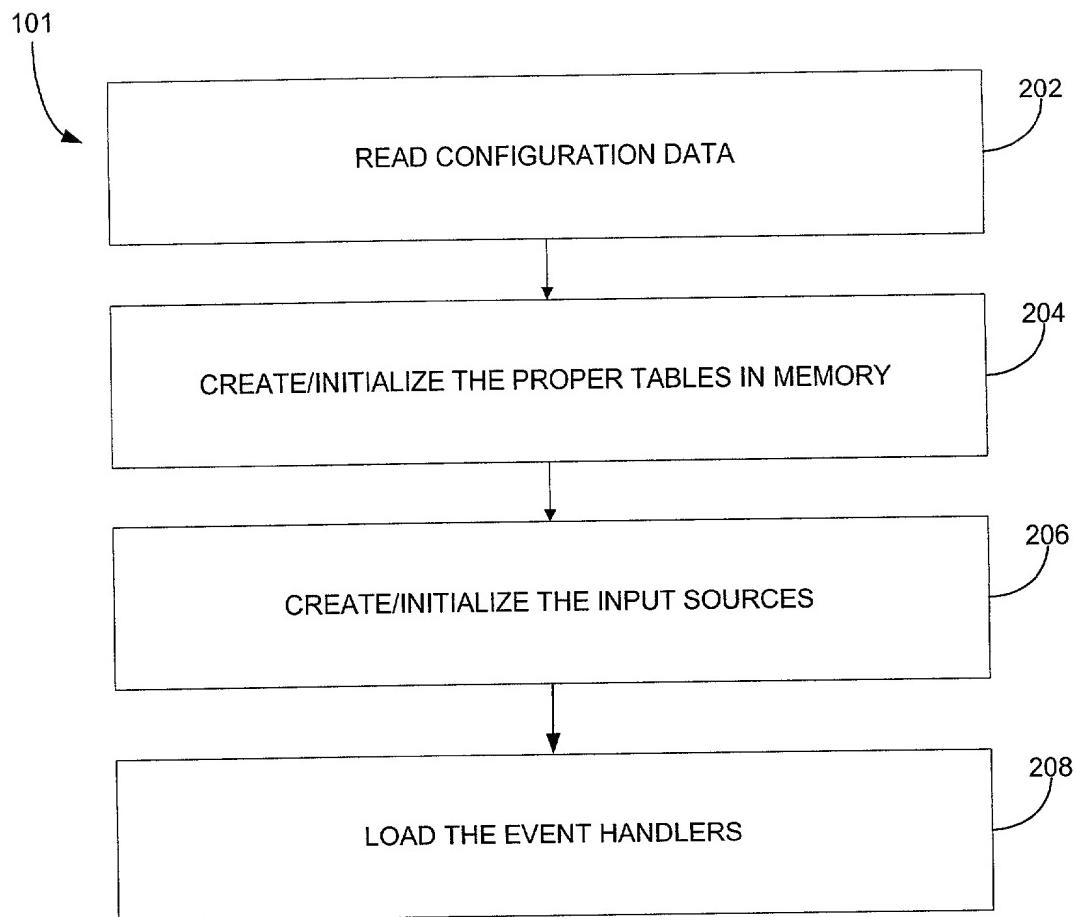


Fig 2

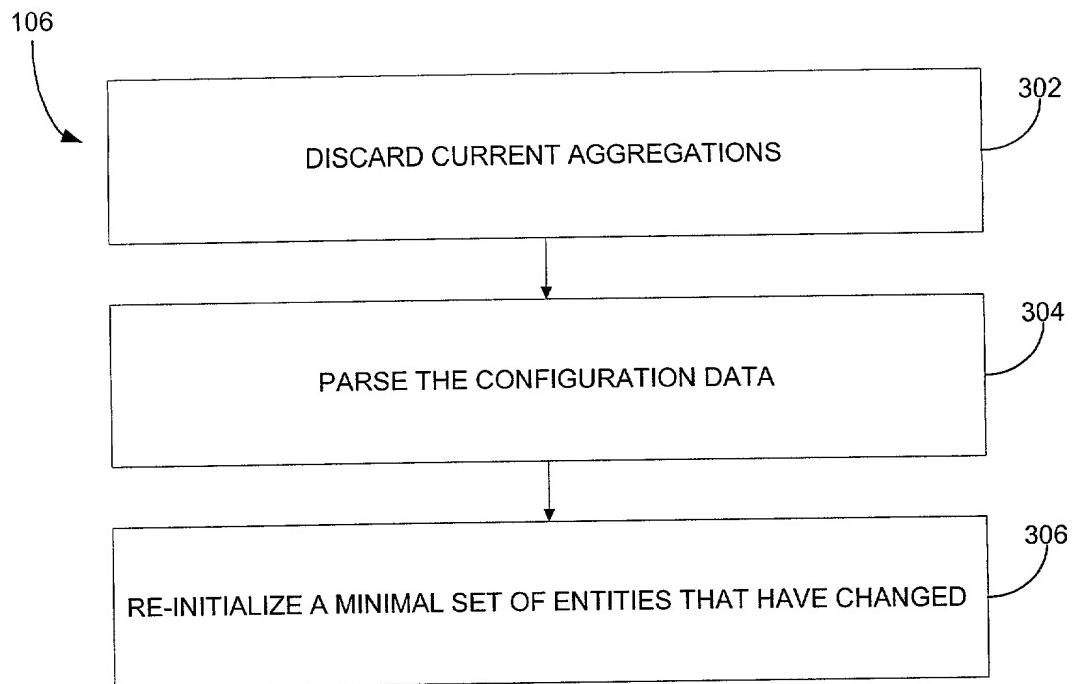


Fig 3

XACTP007

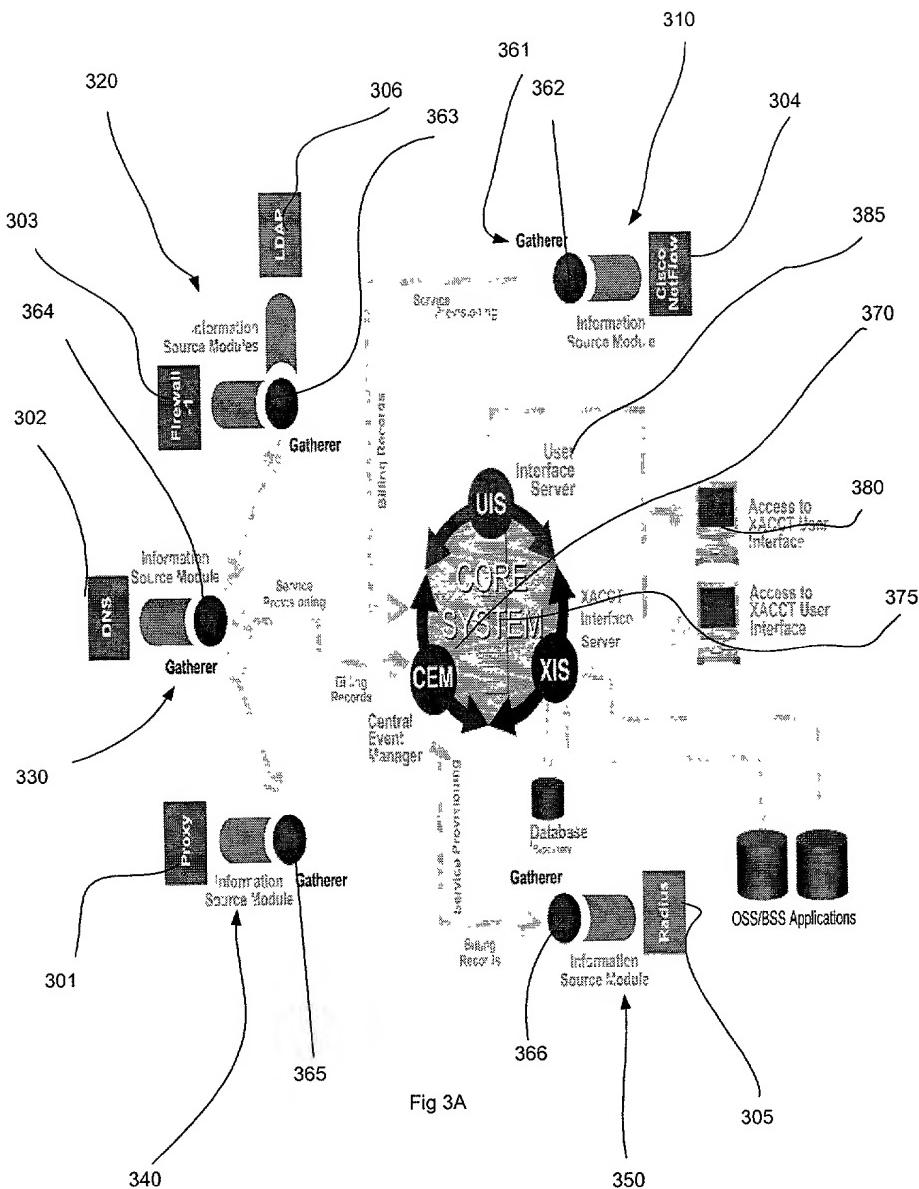


Fig 3A

XACTP007



Operator Type \ Operator Type	Assi gn	Add	Substr act	Multip ly	Divide	Modul o	Left Shift	Right Shift	Add/Substra ct by 1							
=	+	+	-	=	*	*	/	/=	%	%	<	<	>	>	+	--
<b>Boolean</b>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Int</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Uint</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Long</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>Ulong</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>String</b>	✓	✓	✓	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Float</b>	✓	✓	✓	✓	✓	✓	✓	✓	X	X	X	X	X	X	✓	✓
<b>Double</b>	✓	✓	✓	✓	✓	✓	✓	✓	X	X	X	X	X	X	✓	✓
<b>IPv4</b>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>IPv4Net</b>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>IPv4Range</b>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>Time</b>	✓	✓	✓	✓	✓	X	X	X	X	X	X	X	X	X	X	X
<b>TimeRange</b>	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

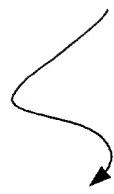
Fig 4



Operator Type	Compare		Greater		Lower		Notes
	==	!=	>	>=	<	<=	
<b>Boolean</b>	✓	✓	✗	✗	✗	✗	
<b>Int</b>	✓	✓	✓	✓	✓	✓	
<b>Uint</b>	✓	✓	✓	✓	✓	✓	
<b>Long</b>	✓	✓	✓	✓	✓	✓	
<b>Ulong</b>	✓	✓	✓	✓	✓	✓	
<b>String</b>	✓	✓	✓	✓	✗	✗	The Greater/Lower comparators are lexical
<b>Float</b>	✓	✓	✓	✓	✓	✓	
<b>Double</b>	✓	✓	✓	✓	✓	✓	
<b>IPv4</b>	✓	✓	✗	✗	✗	✗	
<b>IPv4Net</b>	✓	✓	✗	✗	✗	✗	An IPv4Net is always compared to an IPv4 (i.e.: is the ip in the given range...)
<b>IPv4Range</b>	✓	✓	✗	✗	✗	✗	An IPv4Range is always compared to an IPv4 (i.e.: is the ip in the given range...)
<b>Time</b>	✓	✓	✓	✓	✓	✓	
<b>TimeRange</b>	✓	✓	✗	✗	✗	✗	A TimeRange is always compared to a Time (i.e.: is the ip in the given range...)

Fig 5

600



Operator Type	And		Or		Xor		Ne gat e
	&	&=		=	^	^=	
Boolean	✓	✓	✓	✓	✓	✓	✓
Int	✓	✓	✓	✓	✓	✓	✓
Uint	✓	✓	✓	✓	✓	✓	✓
Long	✓	✓	✓	✓	✓	✓	✓
Ulong	✓	✓	✓	✓	✓	✓	✓
String	✗	✗	✗	✗	✗	✗	✗
Float	✗	✗	✗	✗	✗	✗	✗
Double	✗	✗	✗	✗	✗	✗	✗
IPv4	✗	✗	✗	✗	✗	✗	✗
IPv4Net	✗	✗	✗	✗	✗	✗	✗
IPv4Range	✗	✗	✗	✗	✗	✗	✗
Time	✗	✗	✗	✗	✗	✗	✗
TimeRang e	✗	✗	✗	✗	✗	✗	✗

Fig 6